





gained away from the muscles and arteries; and the wound made by its insertion and that where it protruded should be very little more than a quarter of an inch apart.

Making a slight incision in the tail, and placing a drop of virus in the wound, is a somewhat more expeditious mode than using the needle and fine sutured thread; but it is not nearly so certain, as the blood from the wound is apt to carry off the virus, as before it had been injected. It is, therefore, safe to say, as clean wounds in cattle are very apt to close, the comparative clean wounds thus made in inoculating with the virus sometimes do so also, and the discharge stopping dangerous consequences ensue. This, the third, by acting as a septic in a great measure prevents.

It would not be advisable to inoculate a whole herd at once; and unless the disease was making rapid progress, no more cattle than could be afterwards seen daily till the effects of the inoculation had begun to subside, should be operated upon at one time. In this way any cattle dangerously affected with swelling, or showing symptoms of the inoculated having missed, could be selected and cared for.

In inoculating it is not safe to operate on some, and leave others in the same herd, as they will be infected by the tails of those that were inoculated; and there are also other ways in which the virus from the tails of those that were inoculated might be conveyed to the lungs of uninoculated cattle mixing with them, whereby those that were sound would run very great risk of being infected.

Vaccination, also, with the matter from the tails of some of those that were inoculated, has been tried in fifteen feet, and with decided effect, but the usual practice attending effective inoculation is concerned, but the operation was too hasty performed for the results to be yet obtainable.

ALEX. BAUER, Inspector of Cattle.  
Ten Mile Creek, 17th July, 1862.

N.B.—In inoculating care should be taken that none of the virus gets into wounds or scratches in operators' arms or hands, as threatening and rather dangerous results have sometimes followed this.

THE VIRUS.

The virus is to be taken from a lung of a young beast in the second stage of the disease; and the animal selected is to be slaughtered and bled as if killed for meat, every care being taken that the lungs are as free from blood as blood in the veins renders it unsafe and comparatively useless.

Around the heart and liver a large portion of the lungs is to be removed, as the virus will be found in the heart and liver, and in the quantity of lymph. This is the portion to be used.

The part thus selected is then to be placed in a cloth of open texture, and the virus pressed from it into a clean bottle, which is to be made quite air-tight, and to be kept in a cool place, the virus being taken out in small quantities, as required. If after some time it becomes liquid, it may be heated, but will again become liquid by shaking. The virus must be perfectly inodorous, and before using, it is to be filtered through a piece of fine muslin or filtering paper.

If the virus is found to become putrid and uses less in three or four days, while here, in hot weather, unless very carefully kept, will be used in twenty-four hours. Several attempts have been made, to keep the virus in a liquid state, but, as far as we have tried, when tried at the end of three or four weeks, it has always proved more or less a failure. Until, therefore, a better mode of preserving virus ought to be known, the fresh virus ought to be procured on an average at least every third day.

ALEX. BAUER, Inspector of Cattle.  
Ten Mile Creek, 6th September.

#### PARRAMATTA.

[FROM OUR CORRESPONDENT.]  
HARMONIC SOCIETY.—The exuta convert of the Harmonic Society, as we announced, on Wednesday evening, in the course of the King's speech, its special object being the extinction of the debt incurred by the committee in carrying on the operations of the society. In every other than a monetary respect the society has been highly successful, and it is to be regretted that in all probability its existence now terminates. At the last annual meeting a very favourable report was presented, but the difficulty which rendered the general and proposed of all our citizens who reside beyond the boundaries of our populous township. More boys though they be, there are still good question masters of the situation, and the fact is a deep disgrace to our civilisation. Just at the time that our most intelligent and respectable citizens assemble together in a monster mass to discuss the conditions of our future progress, and contend for the prize of political and social supremacy, which, if decided in our favour, is to give us a supremacy amongst the great districts of the colony, a first step, however, to the teeth, and surrounded with *cheers & free* of carbines and revolvers, sweep the country to our very doors, and carry on a wholesale system of plunder altogether unparalleled in the history of New South Wales. One unfortunate stockkeeper, Mr. Hosie, of Caloola Creek, has thus been deprived of property, and money, we understand, at the rate of £700, at two different periods, and is brought to the verge of ruin. And, notwithstanding that the district is almost swarming with police, their career appears to be one uninterrupted series of successes. So far, indeed, from the police keeping them in check, they have commenced apprehending the police, and habitually hold up their swags, and took several pairs of blankets with them, and then went away. Mr. Walker managed to get himself loose a little after daylight, and at once went to Mr. Valphy's aid and released him. He is very ill from the fatigue he had to go through.

#### THE REIGN OF TERROR.

[From the *Bathurst Times*, September 30th.]  
Terror can be no ignoramus the fact that we are now living under a reign of terror such as never before prevailed in these districts, since they were first inhabited by the white man. Half-a-dozen heartless, blood-thirsty scoundrels are masters of this western territory, and hold, at their good will and pleasure, the lives and property of all our citizens who reside beyond the boundaries of our populous township. More boys though they be, there are still good question masters of the situation, and the fact is a deep disgrace to our civilisation. Just at the time that our most intelligent and respectable citizens assemble together in a monster mass to discuss the conditions of our future progress, and contend for the prize of political and social supremacy, which, if decided in our favour, is to give us a supremacy amongst the great districts of the colony, a first step, however, to the teeth, and surrounded with *cheers & free* of carbines and revolvers, sweep the country to our very doors, and carry on a wholesale system of plunder altogether unparalleled in the history of New South Wales. One unfortunate stockkeeper, Mr. Hosie, of Caloola Creek, has thus been deprived of property, and money, we understand, at the rate of £700, at two different periods, and is brought to the verge of ruin. And, notwithstanding that the district is almost swarming with police, their career appears to be one uninterrupted series of successes. So far, indeed, from the police keeping them in check, they have commenced apprehending the police, and habitually hold up their swags, and took several pairs of blankets with them, and then went away. Mr. Walker managed to get himself loose a little after daylight, and at once went to Mr. Valphy's aid and released him. He is very ill from the fatigue he had to go through.

Mr. Williams observes: "In the natural state of coal, the hydrogen and carbon are united and solid. Their respective characters and modes of entering into combustion are entirely different, and to our neglect of this primary distinction is referable much of the difficulty and complication which attend the use of coal on the large scale of our furnaces."

The first leading distinction is that the luminous portion is convertible to the purpose of heat is the *gasous state alone*, while the carbonaceous portion is combustible only in the *solid state*, and what is essential to be borne in mind is that the former is the latter remains.

An atmospheric air contains only a small quantity of oxygen as a supporter of combustion, we see how large a quantity is required for the purpose of perfecting it. It is probably to be regarded as a fact that failure has attended the efforts of the scientific world in the reduction of the nuisance of smoke. It is obvious that the volume of smoke produced must be five times greater than if it were wholly composed of oxygen, and hence arises the necessity of providing for its admission, in a much larger degree, than for ordinary furnaces, according to their present defective construction.

Mr. Parkes, in his "Elementary Treatise on Chemistry," observes, "that in the decomposition of atmospheric air by combustion, it is natural to ask what becomes of the nitrogen gas?" We may, therefore, suppose that the air, which is the song "Australia," by Mr. Waller, words set to music by the vocalist, solo, Mrs. 12th Fantom, by a member of the society; a serenade and song, by Mr. F. Elford; and duet, "The Cousins," by lady members of the society. For the song "Thoughts of thee," which was loudly recited, Mr. Waller substituted "Ring-bells." "Village Blacksmith," eliciting words and song. The second part closed with the Royal Cavalier very exactly, and by the Volunteer Band, conducted by their instructor, Mr. D. Cather, who officiated as conductor throughout the concert. The national anthem terminated the evening's amusements.

AN inquest was held by the coroner this morning, the gaol, touching the death of a condemned犯人 Joseph Delaney. The deceased was admitted into the prison on the 20th of April last, being under sentence of two years for the Metropolitan District Session for stealing in the district. He was then in ill-health, and came under the care of Dr. Pringle, of his own strong arm or his trusty sword. Law and authority are fast becoming powerless; and no man knows, who carries on business outside a township, how soon he may be stripped of his worldly possessions and ruined. There can be no concealing the fact, that the soil is deep-seated, and has taken, or is now taking, firm root in the hearts of the people, their career appears to be one uninterrupted series of successes. So far, indeed, from the police keeping them in check, they have commenced apprehending the police, and habitually hold up their swags, and took several pairs of blankets with them, and then went away. Mr. Walker managed to get himself loose a little after daylight, and at once went to Mr. Valphy's aid and released him. He is very ill from the fatigue he had to go through.

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The streets of Dunedin have been enlivened by the arrival of numerous immigrants from Europe during the past few days, and the numbers are still being increased. The ship Sir Ralph Abercrombie arrived yesterday from London; and the *Matsura*, from Glasgow, has since reached the port—these two contain a number of deportees from the home country for Otago during the month of June last. Encouraged by the fine weather, and the more favourable arrivals which are being received, a majority of the fields are now sowing their way to the different diggings.

Friday, September 18.—There is little mining news with which to supplement my previous note. The tone of society, as we have it all, however, in favour of the digging, the digging being able to retrieve much of the loss of which resulted from the inactivity and peculiar character of the winter season. On most of the fields there is a more sanguine and healthy feeling than there has been for some months past.

The west coast is again a common subject of talk, but I doubt if there will be any but a trifling movement in that direction. Whether it was the result of the season or not, the prospecting parties who visited the coast in the winter were most thoroughly

disappointed.

Some anxiety is felt as to the safety of Dr. Hector's exploring party, which recently sailed for the west coast. The sealing boat which accompanied the expedition was obliged to return, and Dr. Hector is reported to have broken his arm. It is not contem-

plated in the meantime, however, to forward him any assistance, his express desire having been that no aid should be given him until five months had elapsed.

The Supreme Court has been in session for some days, but has not yet opened the case of Captains A. and M. Murray charged with manslaughter, by their commission with the collision of the Favourite and the Yarra. The grand jury have returned a true bill in each case.

We quote from the *Otago Daily Times* of September 18th, as follows:—

**GOLD STATISTICS.**—The quantity of gold exported from the Province of Oregon during the year ending on June 30th, 1863, was 186,137,695 ounces; 1862, 157,602 ounces; making a grand total, since the discovery of the gold-fields, of 1,059,962 ounces.

**DARING ROBBERY.**—Our Tuapeka correspondent sends us particulars of a robbery under arms between Tuapeka and Waipori. About twelve o'clock yesterday, as Mr. Valphy, of the Bank of New South Wales, was walking home from the Hutt River, four armed and masked bushrangers, who sprung from each side of the road, demanded his cash and gold, of which he had neither. They compelled him to dismount, and searched him. One of them mounted Mr. Valphy's horse, and told him not to look behind him, or he would meet with immediate death. The other three then tied Mr. Valphy's hands, and made him sit down on the steep bank, and then, having secured him, rode off, leaving him to die. They then took his gun, and probably dead.

SEARCHING, also, with the naked knife, the tails of some of those that were inoculated, and were also other ways in which the virus was inoculated might be conveyed to the lungs of uninoculated cattle mixing with them, whereby those that were sound would run very great risk of being infected.

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ALEX. BAUER, Inspector of Cattle.  
Ten Mile Creek, 17th July, 1862.

N.B.—In inoculating care should be taken that none of the virus gets into wounds or scratches in operators' arms or hands, as threatening and rather dangerous results have sometimes followed this.

THE SMOKE NUISANCE, AND ITS PREVENTION.

To the Editor of the *Herald*.

SIR.—I have been asked why it is, if smoke can be easily prevented as explained in my recent letter on this subject, many practical engineers have failed to adopt the means suggested? There can be no difficulty in answering this question. They have not deigned to view the subject by the light of chemical science. Without a correct knowledge of the properties of coal, and of the laws of combustion, it is impossible to apply the principles of prevention. The question is one that can be solved only by the aid of chemistry.

Mechanical contrivances, unless made conformable to the mechanical laws of nature, only thwart her operations, and distract from the natural economy of the system.

Mr. COWPER said the name of the officers and constables was Sub-Inspectors Roberts, Sub-Inspectors Brennan, constable No. 5, Steeple, Musgrave, and two blacksmiths. These men were engaged in burning down the residence of Patrick O'Malley.

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**I**RDALE and CO'S IRONMONGERY ESTABLISHMENT, No. 371, George-street, opposite the Markets.

Mr. FREDERIC LASSETTER, sole proprietor of the business now carried on at 371 George-street, under the name and style of IIRDAL and CO., hereby gives notice that, upon the completion of the new Workshops and Stores now being erected by him on the south side of George-street, part of Market-street, the business of IIRDAL and CO. will be transferred to the new premises and there carried on in his own name.

Mr. LASSETTER having, on the termination of his former partnership in 1860, sold his interest which was subsequently purchased by the late Mr. LANCERLOT IIRDAL, in 1860, continued to carry it on under the name of the old firm in the expectation that the only son of his uncle, to whom the premises belong, would desire to take into the business. Mr. LASSETTER has made up his mind to retire, and which now commences with the name of IIRDAL and CO.; and, therefore, he has determined on the transfer of the business to the new premises to discontinue it, and carry on the business in the name of FREDERIC LASSETTER.

**A**SHDOWN and CO., Wholesale and Retail Ironmongery—During the time occupied by the REBUILDING OF THE PREMIER, at the corner of George and King streets, Sydney, ASHDOWN and CO. beg to announce that their business will be conducted in the shop in King-street, formerly occupied by Mr. Inglis, adjuster of the iron, and which now commences with their stores here in the rear.

**F**URNITURE, Upholstery, Carpet and Floorcloth Establishment, Castlereagh and King streets—A LANEHAN offers his extensive and varied stock of the above, of superior quality and workmanship, to cash purchasers, at low prices, for the next three months, in preparation for large shipments of goods, now landed and to arrive.

If you want a good MATTRESS go to the Australian Bedding Manufactury, 7, Bridge-street, Sydney.

If you want a good PALLIASSE, go to the Australian Bedding Manufactury, 7, Bridge-street, Sydney.

MATTRESS re-made and restored 4 hours. Australian Bedding Manufactury, 7, Bridge-street, Sydney.

DOUBLE from Bedsteads at 25s., and Children's Cot, all sizes, at R. M. PITTS, 161, Kent-street, by Gas-light.

**F**OR SALE, a One-cup BILLIARD-BAGATELLE TABLE, nearly new. JOHN AITON, Unity Hall, Balaclava.

**F**OR SALE, a large circular COUNTER. Apply Yacht Hotel, Forbes-street, Woolloomooloo.

**J**OHNSON'S Central Bedding, Warehouses, 205, Pitt-street, between King and Hunter streets.

Inn bedsheets and children's cots, all sizes.

**T**HREE RIVAL GHOSTS at the Victoria and Prince of Wales Theatres have created great alarm to the nervous spectators, and the manager, Mr. ALARM, as great anxiety among the MOPOLISTS at the success which has attended upon the continuance of the CHINA PRICES for the primeval MAT, and the FUTURE MARKET and ADMIRATION is freely given to the manager, Mr. ALARM. The RIVAL MOPOLY OF PUBLIC PATRONAGE is freely accorded to, and gratefully acknowledged by, the originator of the anti-monopolist movement,

PHIL M CARROLL.

LIST OF PRICES.

Per lb  
Bind quarter of mutton . . . . . 1d  
For each ditto . . . . . 2d  
By half a pound of sheep . . . . . 3d  
Bind quarter of lamb and beef, cooked . . . . . 4d  
Bind chops . . . . . 4d  
Bind steaks . . . . . 4d  
Bind ham . . . . . 4d  
Bind sausages . . . . . 4d  
Bind beef . . . . . 4d  
Bind pork . . . . . 4d  
Bind ribs of roast . . . . . 4d  
Bind ditto . . . . . 4d  
Bind quarter beef . . . . . 4d

PHILIP M CARROLL, Whitechapel Market, Botany Road, 10, Whitechapel, and Fenchurch and Farnham-street, nearly opposite the Newton Road.

Take Notice—No connection with Kent-street North, having disposed of those premises.

**J**OYCE'S SPORTING AMMUNITION.—Established 1820.

To SPORTSMEN.—The following articles of the best gunpowder, manufactured by MR. JOYCE AND CO., of London, may be had of most gunmakers and dealers in gunpowder throughout Australia.

Powder Pyroxine, Percussion Caps, Original (1824) Anti-corrosive Tin, Treble Water-proof Central Fire Gunpowder.

Chemically Prepared Cloth, Felt, and Paper Waddings, Cartridge Cases for Breech Loading Shot-Guns, Wire and Universal shot cartridges, &c.

Manufacturers to Her Majesty's War Department.

**W**ARREN'S superior large-sized BLACKLING, at W. DOUGLAS, 702, George-street.

**T**OBACCO—Wolfe and Gorick's superior colonial Negroebo, in SALE, 46 E. AUSTEN, 3, Jamison-street.

**G**HANS HAY for packing, £3 per ton, on SALE, at the Stores of W. PRITCHARD, 17 and 19, King-street.

**L**UCERNE HAY, large assortment, £3 to £5 10s. per ton, on SALE, at W. PRITCHARD'S, King-street.

**H**ORSES, Dogs, and Buggies, always on MILE, GIBSON'S Depot, 233, Castlereagh-street, adjoining Bute-street.

**G**OODS AND VEHICLES of every description Bought and Sold on commission. GIBSON, 233, Castle-reagh-street.

**H**ORSES—HERBERT GIBSON has several good saddle and harness horses cheap. 233 Castlereagh-street.

**F**OR SALE, a stanch Dray HORSE, 6 years old; for trial, Appy Union Hall, Balaclava.

**S**PRING-CARTS for SALE, to suit any business, ENKAYER, weightless, 406 and 561, George-street.

**F**OR SALE, a PATENT SAFETY in the best preservation, with harness complete. Apply to JOSEPH TRAPFORD, 127, Castlereagh-street North.

**B**ALMAIN.—Notice—GEORGE NEAL, Ironmonger, &c., is about to remove from Balmain those first-class PREMIERS, corner of Darling and Anzac streets, comprising shop, dwelling-house, store, &c., to be sold, LET or SOLD. Possession can be given at an early date, 2nd September.

200,000 FEET Hardwood, Deals, Pine, Cedar, Kauri, Shingles. W. JOLLY and CO.

**C**OLONIAL Hardwood Flooring Boards, squared, dressed, and planed. W. JOLLY and CO., Bathurst-street, on THURSDAY next, the 8th October, at 11 o'clock.

**F**OR SALE, the RATONWILL STATION, on the Hawkesbury, together with about 3,500 head of fine highly bred Cattle.

Particulars can be obtained by application to JOHN WILKINSON and CO., 131, Pitt-street.

**T**WO STONE HOUSES for SALE, in a healthy and pleasant situation, containing 8 rooms and 10 recesses, with large verandas and cellars; garden, paddock, &c. Terms same. Address G. DE MILHAUD, Hunter's Hill.

**C**OTTAGE for SALE, in a rapidly improving and most healthy locality: elevated position, near the river. Apply F. FADER, 269, George-street.

**F**OR SALE, a splendid COTTAGE, with garden, situated on an elevated position, close to the Wharf, at Hunter's Hill. Apply to F. FADER, 269, George-street.

**F**OR SALE, two substantial brick-built Freshfield HOUSES, J. GRIFFITHES, tailor, Brunswick-street.

**F**OR SALE, a weatherboard COTTAGE and lot of LAND, near the Newtown Railway Station, Kingsford Street. Apply at the Sir Maurice O'Connell, Hunter's Hill street, Sydney.

**P**OLYPIPER ESTATE, UPPER PADDINGTON, FORT HOLD BUILDING ALLOTTMENTS, for private SALE, on the most liberal terms, or to be LET on building leases for a term of years, with the option of purchase.

**T**W. BOWDEN is now in a position to treat with persons willing to lease with a view to purchase, for the disposal of the allotments of land remaining to be sold from the sale of land on 24th August, an acre in Piper-street, Point Piper, and a few acres in Gloucester-street, Wallis-street, John-street, and a few on the South Head Road, between Moncur and Nelson streets. A plan is now on view at the Rooms.

**S**ALE BY AUCTION.

To Breeders and others.

**M**RS. CHARLES MARTYN has received instructions from Mr. J. PROUT, to sell by auction, at the Bazaar, on SATURDAY next, at 11 o'clock, "YAGABOND," a bay entire colt, 6 years old, with black points, 16 hands high, got by "Yankee," out of a "Vagabond" mare; he is broken to saddle, and harnessed. Also, "Juba," a chestnut entire colt, 5 years old, stands 16 hands 3 inches high, got by "Lightning," out of "Juba," out of a "Vagabond" mare. Also, "Juba," bred by Messrs. Scott of Glenden. On WEDNESDAY, 7th October.

**M**RS. W. DEAN is instructed by Messrs. J. and W. BYRNE and CO. to sell by auction, at their Warehouse, Pitt and O'Connell streets, on WEDNESDAY, 7th October, at half past 12 o'clock.

The iron steamer MURRAY, recently trading to the Murray River and the Northern ports. Was built, recently, at a steam yacht for the Duke of Buccleuch; is well found in every particular, and for positive sale.

Further particulars in to-morrow's issue. Terms at sale.

**H**orses and Spring-carts, &c.

**T**o BE SOLD at WOOLLER'S Pitt-street, by auction, THIS DAY, at 11 o'clock. The usual lot of country horses, well broken to saddle and harness. Also, Dray, gigs, spring-carts, &c. No charge for entering horses, &c., for sale. Premium payable immediately after the sale.

**M**RS. CHARLES MARTYN will sell, at the Bazaar, on SATURDAY next, A first-class horse, dogcart, and a set silver-plated harness, nearly new.

Horse Sale, THIS DAY.

**B**URT and CO. will sell by auction, at their Bazaar, THIS DAY, at 11 o'clock. Fox's team of 2 horses, waggon, and harness Child's pony, very quiet to ride Black cart horse Bay horses, going in single harness, good hackney Coach and four men. Also, 30 other horses, of all descriptions Spring carts, drays, traps, and harness.

30 Well-bred Mares and Fillies.

Campden Salts Yard, WEDNESDAY, October 7th.

**B**URT and CO. have been instructed by J. S. RODD, Esq., to sell by auction, at the Sale Yard, Pitt-street, on WEDNESDAY next, October 7th, at 3 o'clock.

**F**OR SALE, a large number of well-bred mares and fillies. They are the produce of Oxide, and other thoroughbred sires, and are a very choice lot of mares and fillies.

FRIDAY'S Weekly Sale.

**J**. H. LEDSAM will sell by auction, THIS DAY, at 11 o'clock, at his Stores, Market Wharf, Wharf, 100 yards, Hobart Town potatoos, maize, mutton, and other produce.

Weekly Produce Sale, THIS DAY, at 10 o'clock.

Wool, Sheepkins, Tallow, Hides, Leather, &c.

**M**ESSRS. DURHAM and IRWIN will be sold by auction, at their Produce Stores, Circular Quay, at 11 o'clock precisely,

TERMS at sale.

**E**NTRANCE, NEWTOWN, VALUABLE VILLA SITES on the Stanmore Road, opposite Liberty-street, Kingston South, a few yards beyond the residence and grounds of J. V. Josephson, Esq., also close to the NEWTOWN RAILWAY STATION.

**R**ICHARDSON and WRENCH have received instructions to sell by public auction, at the Rooms, Pitt-street, on MONDAY, 6th October, at 11 o'clock.

LOT 1—All that block of land having 50 feet frontage to WATERVIEW BAY, BALMAIN, with a depth of 250 feet, extending to a lane at the rear.

This pretty waterside residence is in the centre of Balmain, overlooking Waterview Bay, and a few yards from Ferdi's Bay Ferry.

LOT 2—All that block of land for sale immediately after the Cottage, a FIRST-CLASS NEW OAK SKIFF, 22 feet long, copper-fastened throughout, with paddles, and new sail complete. It can be inspected at the property, Waterview Bay, Balmain.

LOT 2, All the BLOCK OF LAND, adjoining the property, with the following frontage, 45 feet to WATERVIEW BAY and 177 feet to DUCK-STREET, extending to a lane at the rear.

Plan at the Rooms.

TERMS at sale.

**E**NNMORE, NEWTOWN, VALUABLE COMMERCIAL PREMISES, opposite the Joint Stock Bank, in the town of Balaclava, comprising a store and dwelling, fronting Wallace-street, making a fine display, and a back entrance to the rear.

A commodious family house adjoining the Wesleyan Chapel, in Duncan-street.

Extensive Tannery, with two-storyed currier's shed, tan and lime pits for a large business; and a nest brick-built Cottage on the same land, with frontage to Damson-street, and a fine view.

Three first-class allotments for business premises, at the corner of Wallace and Duncan streets, in the very centre of the town.

Two Building Allocations, adjoining the Telegraph office, one section B, and the other the market reserve.

Four allotments, fronting the market reserve, lying to the eastward of the premises, lately known as Craig and Boucher's stores.

Two Farms at the Mongarlowe River, ten or twelve miles from Balaclava.

LOT 3—A large block of land, lately in the occupation of Messrs. Craig and Boucher, situated at 245 per year, situated in Wallace-street, to which it has a frontage of 66 feet by a depth of 210 feet. The front is surrounded with trees, and the building is 35 feet by 28 feet. Attached to the store is a back entrance, with a sitting room, and small store, part of brick and part weatherboard. Detached is a large brick store and bakehouse, two stories high, in which is a large oven. This building is capable of storing 10 tons of goods. In the rear is a good four-stall stable of squared timber and shingled roof. A never failing supply of good water.

There is ample frontage to Wallace-street on the north side of the store to build a commanding hotel.

LOT 4—For a plot of land, fronting 39 feet frontage to the market reserve, with a depth of 200 feet. These are between the property of Mrs. Hodges, known as the Sale-Yards, and the premises described as Lot 1.

Lot 5—Two-storyed brick-built house, fronting Duncan-street, with a fine view to the West, and a back entrance to the rear.

On account of whom it may concern, 15 cases North-West cheese.

TERMS at sale.

**M**ONDAY, 6th October.

On account of whom it may concern.

**N**ORTH WILT'S CHEESE.

**C**HATTO and HUGHES have received instructions to sell by auction, at their Rooms, MONDAY, 6th instant, at 11 o'clock.

On account of whom it may concern, 15 cases North-West cheese.

TERMS at sale.

**M**ONDAY, 6th October.

On account of whom it may concern.

**E**x Canada West, from Liverpool.

Liverpool Salt.

**C**HATTO and HUGHES have received instructions to sell by auction, at their Rooms, MONDAY, 6th instant, at 11 o'clock.

On account of whom it may concern, 10 cases North-West cheese.

TERMS at sale.

**M**ONDAY, 6th October.

On account of whom it may concern.

**E**x Canada West, from Liverpool.

All meat or fish damaged by sea water.

TERMS at sale.

**M**ONDAY, 6th October.

On account of whom it may concern.

**E**x Canada West, from Liverpool.

## SUPERANNUATION BILL.

## THE SYDNEY MORNING HERALD, FRIDAY, OCTOBER 2, 1863.

The following is a copy of the Bill introduced by Mr. Cooper to provide a superannuation fund and to regulate the granting of retiring and other allowances and gratuities in respect of public services.

Whereas it is expedient to provide a fund for the payment of superannuation and other allowances and gratuities in respect of Civil, Naval, and other Governmental and to persons in the service of the Commonwealth, and to persons in the regulations and conditions of service, such allowances shall be authorized and paid. Be it enacted by the Queen's Most Excellent Majesty by and with the advice and consent of the Legislative Council and Legislative Assembly of the State of New South Wales in Parliament assembled and by the authority of the same,

Section 1.—That there shall be deducted from the pay or salary of all persons in the Civil Service—except as hereinafter mentioned—the sum of two pounds per centum per annum and so rateably from any pay or salary of whatever amount and in whatever proportion it may be given or granted as may be approved by the Governor with the advice of the Executive Council and the interests and dividends thereof or so much of the same as shall not be required for the purposes hereinbefore mentioned shall be invested in His Excellency's name in the Superannuation Fund, to be known to be called the "Superannuation Fund," and shall be applied as occasion may require for the payment of such superannuation or other allowances or gratuities as may be ordered or appointed by the Governor with the advice aforesaid under the provisions hereinabove contained.

Governor may grant allowances on superannuation.

2. Upon the application of any officer in the Civil Service—with the exception hereinafter specified—in office at the commencement of this Act or hereafter appointed to office accompanied by such certificates or recommendations as the Governor may require, the allowance aforesaid shall require that said officer shall be superannuated and shall receive such yearly allowance or such gratuity upon such conditions and not exceeding such proportions as to age, length of service and other circumstances as may be mentioned. And theron such person shall cease to hold his place in the service, and such gratuity shall be paid to him accordingly and shall be charged upon and paid out of the said "Superannuation Fund" so far as the same shall from time to time be adequate to defray the cost of the same.

3. Where the person applying for the same shall be under sixty years of age such allowance or gratuity shall be granted—except in certain cases hereinafter mentioned—upon a certificate from two legally qualified medical practitioners duly appointed in that behalf by the Governor with the advice of the Minister in whose office is situated his office in which case if he shall have served with diligence and fidelity for fifteen years it shall be lawful to grant him by way of superannuation allowance an annual sum not exceeding one-half of the salary of his office and also an addition of ten per centum of the salary of his office and if fully thirty years then an annual sum not exceeding the whole amount of such salary. And if such person shall be above sixty years of age and shall have served twenty years shall be lawfully entitled to any such annual sum not exceeding one-half of the salary of his office and an addition of two-thirds for each year of service above fifteen years and less than thirty years and if he shall have served full thirty years an annual sum not exceeding the whole amount of such salary. And if such person shall be above sixty years of age and shall have served twenty years shall be lawfully entitled to any such annual sum not exceeding one-half of the salary of his office and an addition of two-thirds for each year of service above thirty years and less than forty years and if he shall have served full thirty years an annual sum not exceeding the whole amount of such salary.

4. Where an officer after the passing of this Act—except as hereinafter mentioned—shall have attained the full age of sixty years he shall be entitled to be entitled or may be required by the Governor with the advice of the Minister to retire from active service on superannuation allowances on such scale hereinafter fixed. And if any officer shall desire to retire from active employment who has not attained the full age of sixty years he shall be at liberty without any such medical certificate after having served with diligence and fidelity for a period of forty years so as to retain on a superannuation allowance not exceeding one-half of the salary of his annual pay. Provided that in either such case the Minister in whose department such officer may be serving may request such officer to continue to perform his duties but without prejudice to his right to decline such request. And if any officer shall desire to retire on superannuation allowances in conformity with the Act. Provided also that any superannuation allowance as granted to such officer shall not be received for any time during which he may continue to perform the duties and to draw the salary of such officer. Provided further that no allowance shall be made to such an officer for superannuation allowance by reason of such circumstances in office.

Annual allowance may be computed for gross sum.

5. Any retiring allowance to which an officer may be entitled from the "Superannuation Fund" in accordance with the two preceding clauses may at the option of such officer be commuted for such a gross payment not exceeding the amount of his salary as aforesaid. Provided that in the opinion and on the report of the Commissioners hereinafter mentioned the sum of the fund will admit of such payment.

Gratuity for permanency incapacity.

6. Any holder of an office giving a tithe under the conditions aforesaid to a superannuation allowance who although he has not completed the period which would have entitled him to apply for such allowance by reason of his infirmity of mind or body to leave the Public Service shall be entitled to a gratuity for less than ten years' service of one month's pay for each year of such service and for more than ten years' service to a gratuity of three months' pay for every two years of such service not exceeding in the whole fifteen years.

All allowances may be recommended to Parliament under special circumstances.

7. Nothing shall prevent the Governor with the advice aforesaid in consideration of any special services rendered by any officer or any other unusual circumstances or by way of compensation to any officer removed in consequence of the abolition of his office or for the purpose of facilitating improvements in the salary or emoluments of any department or efficient greater efficiency or economy from recommending to Parliament such sum in addition to any retiring allowance or gratuity to which any such officer may be entitled as may be sufficient in the opinion of the Minister to meet any such case as aforesaid. Provided that for the interest of the public service any officer be made political to the advice aforesaid may recommend to Parliament the payment to the officer then holding the appointment of a fair and just compensation for his retirement the services independent of any superannuation or retiring allowance to which he may then be entitled under this Act.

Alliance not to prevent other appointment but to abate proportionately in the colony.

8. Nothing herein shall prevent any person to whom any superannuation allowance is given and who holds an office may be assigned from accepting any new appointment whether political or otherwise in this colony or elsewhere or from receiving the emoluments thereof. Provided that if such appointment be to this colony such allowance shall merge and be reduced during the tenure of such new appointment according to the salary or emoluments now or greater or less than the salary or emoluments of the new appointment.

Allowances to widows and children.

9. Upon the death of any officer while in the service of the Government his widow shall be entitled to receive during his widowhood an allowance equal to two-thirds of the allowance which might have been granted to his husband under the terms of the act.

Dr. Bennett brought before the society the following observations on the Caudle-tree (*Aleurites cordata*), the oil of the plant being valuable in medicine, and for various other purposes.

On the declivities of the hills, in the ravines, and also on the sea coast close to the water, I have seen this fine umbrella tree, the caudle-tree (*Aleurites cordata*), growing at the head of islands, where it names the place. The whiteness of the foliage renders it a conspicuous object, imparting a peculiar character to the scenery where it abounds. This plant is common throughout the colony, and could have never entered into the list of their herbariums; for this reason it could not figure anything in the Flora of the Nile, as it is supposed to be.

It is, nevertheless, of great economic importance, and is a valuable article of commerce. It is a plant of the genus *Aleurites*, and is a species of the plant which the Greeks called *banana*. It is a singular plant, and one only just accomplished by two of our countrymen, Dr. T. H. H. and Mr. J. L. Shapland, who have examined it, and travelling that country, found the plant in Egypt, and in the neighbourhood of the Nile. In the Botanic Garden, one is planted in the border of the lake, and is about twelve feet in height, and three and a half feet in breadth and diameter, and leaves three and a half feet in length. It attains a height of eighteen inches in two years, it attains a height of three feet in three years, and so on.

Dr. Bennett remarked that the Fays or Azorean Candleberry Myrtle, which not only serves for sheltering the orange trees but also affords fuel, and the bark is used for tanning leather. The Australian Pittosporum and Banksia, and Hobartia now also enter the list of the plants of the colony. As far as I am aware, the use of mother of pearl was before known.

As regards the use of mother of pearl, I am anxious to ascertain whether it is a native of the colony, or a plant which has been introduced into the colony.

Mr. L. H. Moore, M.A., a partner of the firm of Dr. H. H. and Mr. J. L. Shapland, and a copy supplied to me by that artist, now gives the following extract taken from an article in the *Journal of Botany*.

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